

SMIP06 SEMINAR ON UTILIZATION OF STRONG-MOTION DATA

Harris State Building, 1515 Clay Street, Oakland, California
September 28, 2006

PRELIMINARY PROGRAM

8:00 am **REGISTRATION**

9:15 am **WELCOMING REMARKS**

Chris Poland, Chair, Strong Motion Instrumentation Advisory Committee (SMIAC)
John Parrish, State Geologist, California Geological Survey
Anthony Shakal, Program Manager, Strong Motion Instrumentation Program

9:25 am **INTRODUCTION**

Moh Huang, Strong Motion Instrumentation Program

SESSION I

Moderator: *Maurice Power*, Geomatrix Consultants, Inc., SMIAC

9:30 am **Rupture Process of the 2004 Parkfield Earthquake Utilizing Near-Fault Seismic Records and Implications for ShakeMap**

Douglas Dreger and *Ahyi Kim*, University of California, Berkeley

9:55 am **Implication of the Rupture Process and Site Effects in the Spatial Distribution and Amplitude of the Near-Fault Ground Motion from the 2004 Parkfield Earthquake**

Arben Pitarka, *Nancy Collins*, *Hong-Kie Thio*, *Robert Graves* and *Paul Somerville*, URS Corporation

10:20 am **Questions and Answers for Session I**

10:30 am Break

SESSION II

Moderator: *Chris Poland*, Degenkolb Engineers, SMIAC

10:50 am **Instability Inducing Potential of Near-Fault Motions**

Dennis Bernal, *Arash Naseri* and *Yalcin Bulut*, Northeastern University

11:15 am **Development of Improved Intensity Measures and Improved ShakeMaps for Loss Estimation and Emergency Response**

Eduardo Miranda and *Marios Kyriakides*, Stanford University

11:40 am **Questions and Answers for Session II**

11:50 am **LUNCH**

S E S S I O N I I I

Moderator: *Vern Persson*, SMIAC

1:00 pm **Study of Wood-Frame Building Records from the Parkfield and San Simeon Earthquakes**

John Hall and *Daniel Sutoyo*, California Institute of Technology

1:25 pm **Evaluation of the Seismic Response of Hwy 46/Cholame Creek Bridge During the 2004 Parkfield Earthquake**

B. Tom Boardman, *Zia Zafir* and *Ed Rinne*, Kleinfelder, Inc.

Tony Sanchez and *Joe Tognoli*, TY Lin-International,

Geoff Martin, University of Southern California

1:50 pm **Questions and Answers for Session III**

2:00 pm **Break**

S E S S I O N I V

Moderator: *Wilfred Iwan*, Caltech, SMIAC

2:15 pm **Turkey Flat Blind Prediction Experiment Results**

Anthony Shakal, CSMIP, California Geological Survey,

Chuck Real, Seismic Hazard Zonation Program, California Geological Survey,

and *others*

3:05 pm **Questions and Answers for Session IV**

3:15 pm **Adjourn**